



**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hong YANG et al.

Application No.: 10/801,696

Filed: March 17, 2004

Docket No.: 115256

For: CORE-SHELL MAGNETIC NANOPARTICLES AND NANOCOMPOSITE  
MATERIALS FORMED THEREFROM

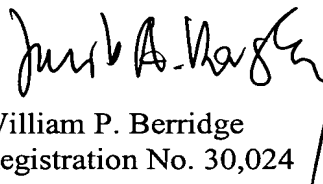
**SUBMISSION OF ORIGINAL DECLARATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is the original signed Declaration of the Inventor. This  
Declaration corresponds to the facsimile copy of the Declaration filed on March 17, 2004.

Respectfully submitted,

  
William P. Berridge  
Registration No. 30,024

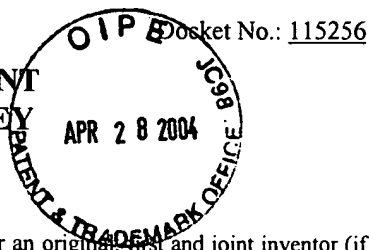
Jacob A. Doughty  
Registration No. 46,671

WPB:JAD/tje

Date: April 28, 2004

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
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APPLICATION FOR UNITED STATES PATENT  
DECLARATION AND POWER OF ATTORNEY



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that:

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CORE-SHELL MAGNETIC NANOPARTICLES AND NANOCOMPOSITE MATERIALS FORMED THEREFROM

described and claimed in the specification:

**Check one**

- \*a. ☒ attached hereto.  
b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

U.S. Provisional Application No. 60/454,615, filed March 17, 2003.

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
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Christopher W. Brown, Reg. No. 38,025; Richard E. Rice, Reg. No. 31,560;  
Paul Tsou, Reg. No. 37,956; and Eric D. Morehouse, Reg. No. 38,565.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 **Typewritten Full Name  
of First or Sole Inventor**

	Hong		Yang
	Given Name	Middle Initial	Family Name
2 <b>**Inventor's Signature:</b>			
3 <b>**Date of Signature:</b>	03	17	2004
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\*If Box (a.) is checked, this form may be executed only when attached to the specification (including claims).

\*\*Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

**IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE** ☒

**PAGE 2 OF U.S.A. DECLARATION FORM**  
**(Discard this page in a sole inventor application)**

1 **Typewritten Full Name**  
**of Second Joint Inventor (if any)**

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Teng

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3 **\*\*Date of Signature:**

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**of Fourth Joint Inventor (if any)**

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Middle Initial

Family Name

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

Month

Day

Year

Residence:

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State or Province

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Citizenship:

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(Insert complete  
mailing address,  
including country)

1 **Typewritten Full Name**  
**of Fifth Joint Inventor (if any)**

Given Name

Middle Initial

Family Name

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

Month

Day

Year

Residence:

City

State or Province

Country

Citizenship:

Post Office Address:

(Insert complete  
mailing address,  
including country)

**Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.**

**This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.**